

CZAKIS-SULIKOWSKA, Maria; SOLONIEWICZ, Rajmund

Crystalline complex compounds containing thiourea and thiocyanates.  
Pt. 1. Rocznik chemii 37 no.11:1405-1410 '63.

1. Department of Inorganic Chemistry, Technical University, Lodz.

CZAKIS-SULIKOWSKA, Maria, dr; SOLONIEWICZ, Rajmund, dr

Analytical application of the precipitation reaction of carbamido-  
mercury cyanoferrate. Chem anal 9 no.1:59-64 '64.

1. Katedra Chemii Nieorganicznej, Politechnika, Lodz.

CYGANSKI, Andrzej, dr; CZAKIS-SULIKOWSKA, Maria, dr

Coprecipitation of mercury thiocyanate as a metal detection  
method. Rudy i metale 9 no. 8:445-448 Ag '64.

CZAKIS-SULIKOWSKA, M.

Identification and determination of multiatom anions by the  
spectrophotometric method in infrared. Wiad chem 18 no.3:  
176 Mr'64.

Solubility products of certain thionalides of heavy metals.  
*Ibid.* 8177

CZAKO, Erzsebet, dr,

Role of trade unions and the election of local councils.  
Munka 13 no.1:2-3 Ja '63.

1. Minisztertanacs Tanacszervek osztalyanak munkatarsa.

CZAKO, I.

Effect of milk with reduced fat content on the nitrogen metabolism of young calves. Acta agronom Hung 13 no.1/2: 181-200 '64.

1. Abteilung fur Rinderzucht des Forschungsinstituts fur Tierzucht, Budapest. Submitted September 1, 1963.

CZAKO, J.

"Methods of Increasing the Fat Content in Milk" p. 304 (Agrartudomány  
Vol. 5, No. 10, October, 1953, Budapest)

SO: Monthly List of Russian Accessions, Library of Congress, Vol. 3, No. 3  
March 1954, Uncl.

HUNGARY/Human and Animal Physiology (Normal and Pathological). T-14  
Skin.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 51426

Author : Czako, Jozsef; Ordogh, Katalin

Inst :

Title : The Influence of Environmental Temperature upon the Skin  
and Hair Temperature of Large Horned Cattle (multicolored  
Hungarian Breed).

Orig Pub : Allattenyesztes, 1956, 5, No 4, 311-316.

Abstract : No abstract.

Card 1/1

- 147 -

CZAKO, J.; GUBA, S.

The importance of examining butterfat. p. 16. (Magyar Mezogazdasag, Vol. 11, no. 2, Jan. 1956 Budapest)

S0: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

CZAKO, J.

Breeding heifers is a basis for increasing the stock of cows. p. 16. (Magyar Mezogazdasag, Vol. 11, no. 4, Feb. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

CZAKO, J.; KAPPETER, I.

A prefabricated shed for young cattle. p. 24. (Magyar Mezogazdasag, Vol. 11, no. 6, Mar. 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

Country	: HUNGARY
Category	: Farm Animals. Cattle.
Abs. Jour	: Ref Zhur-Biol., No 21, 1958, 96854
Author	: Czako, Jozsef; Kallai, Laszlo
Institut.	: -
Title	: The Influence of Antibiotics Administered during the Nursing Period upon the Growth of Calves.
Orig Pub.	: Allattenyesztes, 1957, 6, No 1, 1-10
Abstract	: Experiments were performed with 12 bulls which were half-brothers and 12 heifers (6 animals of each sex were in the experimental and in the control group). The experiments lasted for bulls 10 days to 22 weeks and for heifers up to 18 weeks. Animals weighing 50-75 kg received 2 g of oxytetracycline (OTC), which was followed by an additional dosage of 1 g per each 25 kg, until at a weight of 175-200 kg the OTC dosage reached 7 g. The preparation contained 17.5 mg

Card: 1/2

Country	:	HUNGARY
Category	:	Farm Animals.
		Cattle.
Abs. Jour	:	Ref Zhur-Biol., No 21, 1958, 96854
Author	:	
Institut.	:	
Title	:	
Orig. Pub.	:	
Abstract	:	of OTC-terramycin (T) per 1 g. As an abundant amount of milk (500 l of whole and 800 l of skim milk) was used in feeding, T did not produce any effects upon either the weight gains nor the fodder expenditures. In the group of heifers, the addition of T to fodder saved about 175 l of milk or about 7 kg of butter per calf. In the experimental group, the utilization of fodder in terms of starch units increased by 22 percent, while the hay consumption rose by 12 percent. -- V. A. Kanzyuba
Card:	2/2	

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00050943

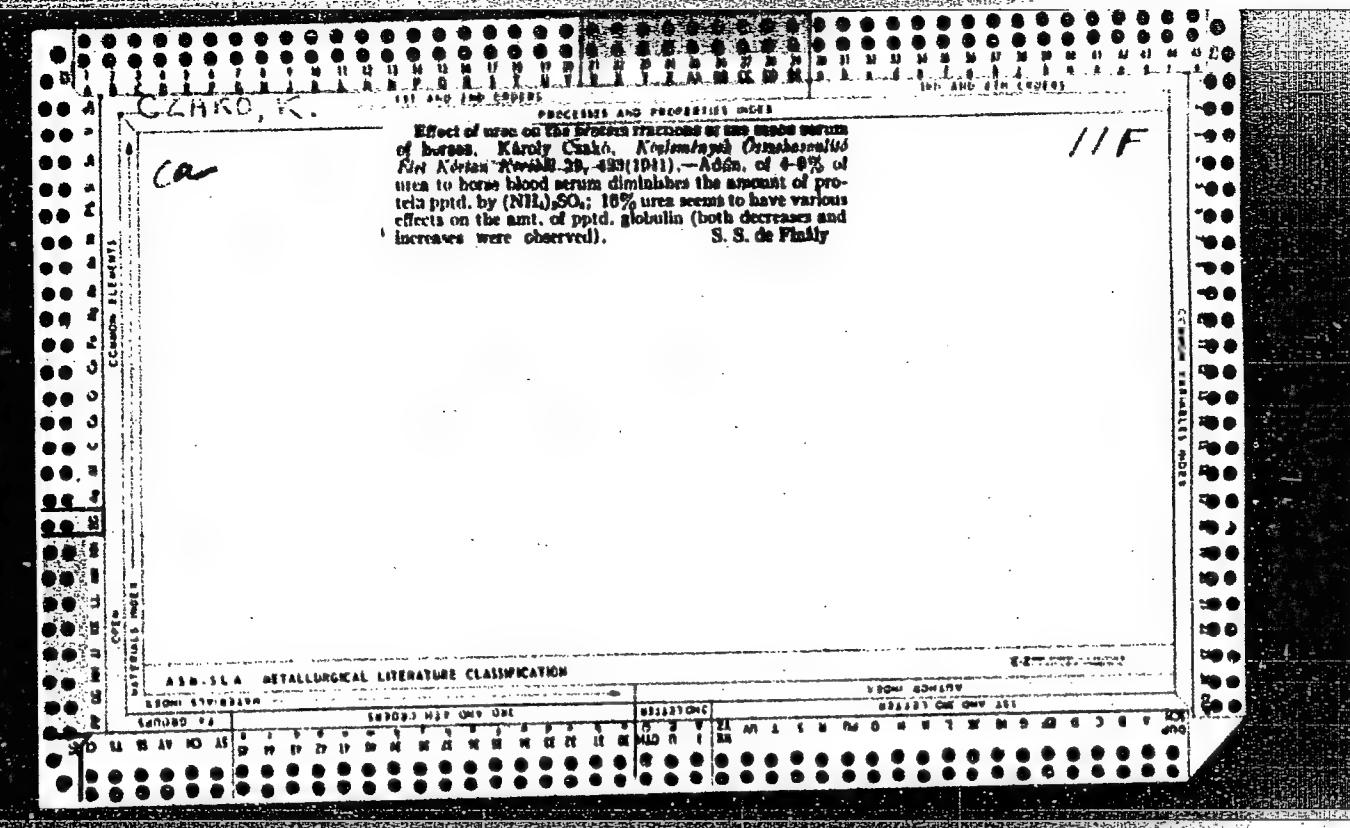
COUNTRY	:	Farm Animals.
CATEGORY	:	Cattle.
ABS. JOUR.	:	RZhBiol., No. 6, 1959, No. 25850
AUTHOR	:	Tangl, Harald; Czako, Jozsef; Muehlrad, Andras
INST.	:	-
TITLE	:	Experiments Pertaining to the Application of Syntestrin for Improving the Fattening of Cattle.
ORIG. PUB.	:	Allattenyesztes, 1957, 6, No 4, 265-272
ABSTRACT	:	Fifteen to 20 mg of syntestrin (acts as an ovary hormone, estrone) were added to the fodder of each animal (a total of 253 heads) daily in the form of a capsule. During the course of the 66 days of the experiment, the animals of the experimental group manifested a 14.2 kg larger weight gain in comparison to the control group. In studies arranged according to sex, the largest weight gain of 25.3 kg was observed in bulls, whereas in cows it amounted to only 21 kg.

CARD: 1/1

CZAKO, J.

Calf rearing experiments with reduced milk and milkfat rations.  
Acta agronom Hung 9 no.3/4:415-423 '59. (EEAI 9:?)

1. Department of Zoophysiology and Feeding of the Research Institute  
for Animal Breeding, Budapest.  
(Hungary--Calves)



699\* New Data on Ore Preparation in Silicon-Thermal Mag-  
nesium Metallurgy. Újabb adatok a szilikoterzánka magné-  
ziumkonzszentratör felkészítéséhez. (Hungarian.) Ander Szuhay-  
ovály and Károly Czakó. Kohászati lapok, v. 10, no. 9, Sept. 1955,  
1955, p. 413-419.  
Crushing and calcining of dolomite; equipment; briquetting.  
Tables, graphs, 12 ref.

(1)

D  
M  
H

GZAKO, Karoly A.

21  
✓ Ore dressing for the silicon-thermal magnesium reduction. Andor Sulyovszky and Karoly A. Gzako. *Fémipari Kutató Intézet Közleményei* 1956, 319-40.—For calcining, the grain sizes may vary from 10 to 70 mm. without affecting the calcining time. The optimum temp. for reducing the CO<sub>2</sub> content of the material to the desired 0.5% is reached in stages from 650 to 1200°. For briquet formation, the dolomite must be ground to a grain size of 0.06-1.0 mm. and pressed with a specific pressure of 800-1000 kg./sq. cm., after which the apparent d. of the briquets is 1.7-1.8 g./cc. The pressure needed for wet briqueting is only 1/5-1/4 of that required for dry pressing. At a drying temp. of 650° the oxidation of the 75% FeSi is negligible in both the wet and the dry briquets, while somewhat larger in the wet briquets. The drying temp. should not exceed 750-800°.  
Felicitas H. Goodman

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Distr: 4E2c

*3*  
✓ An experimental rotary furnace for magnesium reduction,  
Andor Szulyovszky and Károly A. Csákó. Pénzügyi  
Kutatás Intézet Zártkörű Non-Member, 317-01. An exptl. pilot-  
plant process was carried out in a rotary furnace heated  
with C electrodes. The briquets were preheated to 600° and  
placed in the reduction section, which had a temp. of 1100-  
1200°. A 16-25-min. evacuation produced the necessary  
0.5-2.5 mm. Hg. The Mg gases were conducted into a con-  
denser at a temp. of 450-500°; the reduction of 1 load took  
3.5-4 hrs. The purity of the metal produced was 98.0-  
99.5%. After several hrs. of operation, the C electrode was  
graphitized, and its sp. resistance had decreased from 24 to 17  
ohm./sq. mm.-m. Felicitas D. Goodin

Distr: 4E20

**"APPROVED FOR RELEASE: Thursday, July 27, 2000**    **CIA-RDP86-00513R00050943**

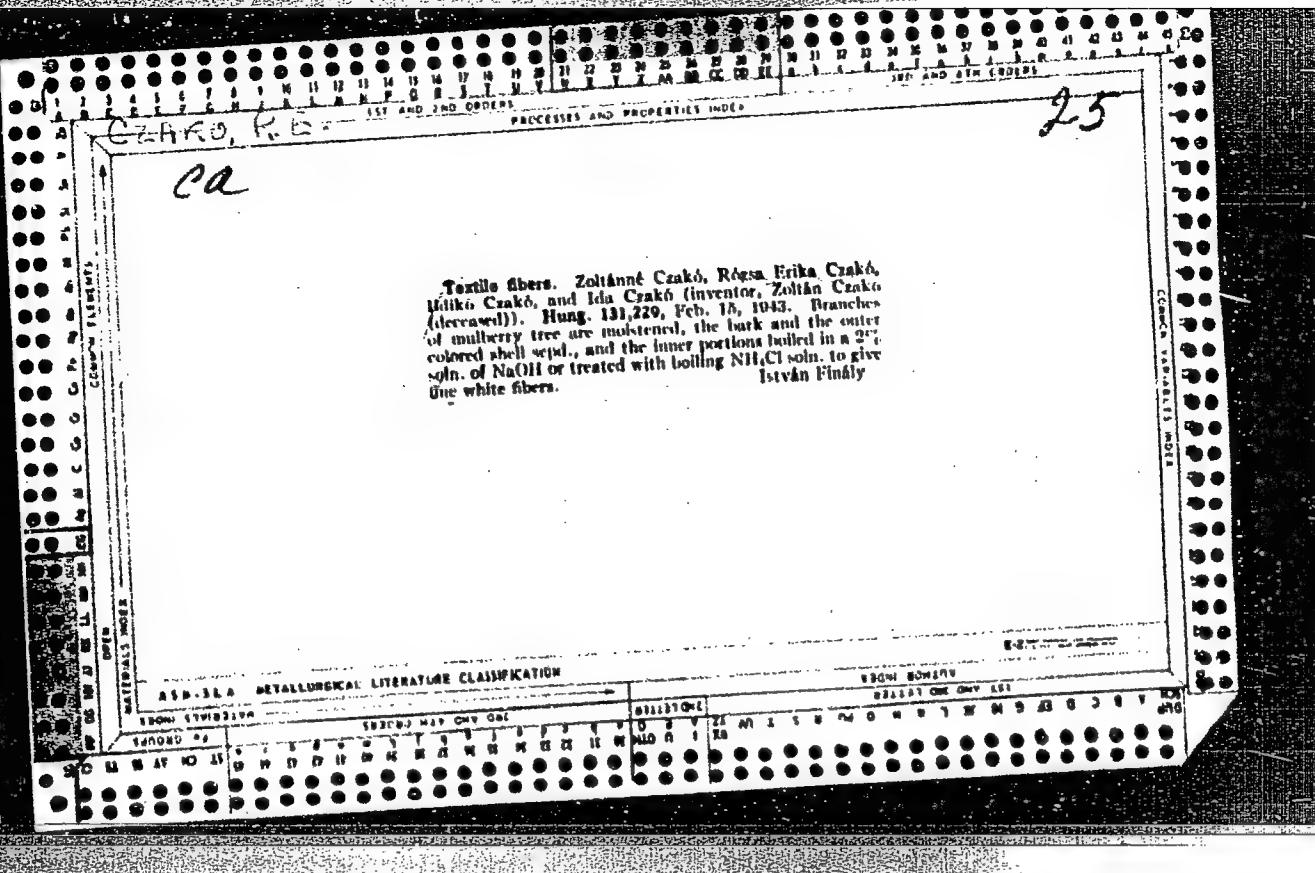
**APPROVED FOR RELEASE: Thursday, July 27, 2000**    **CIA-RDP86-00513R00050943C**

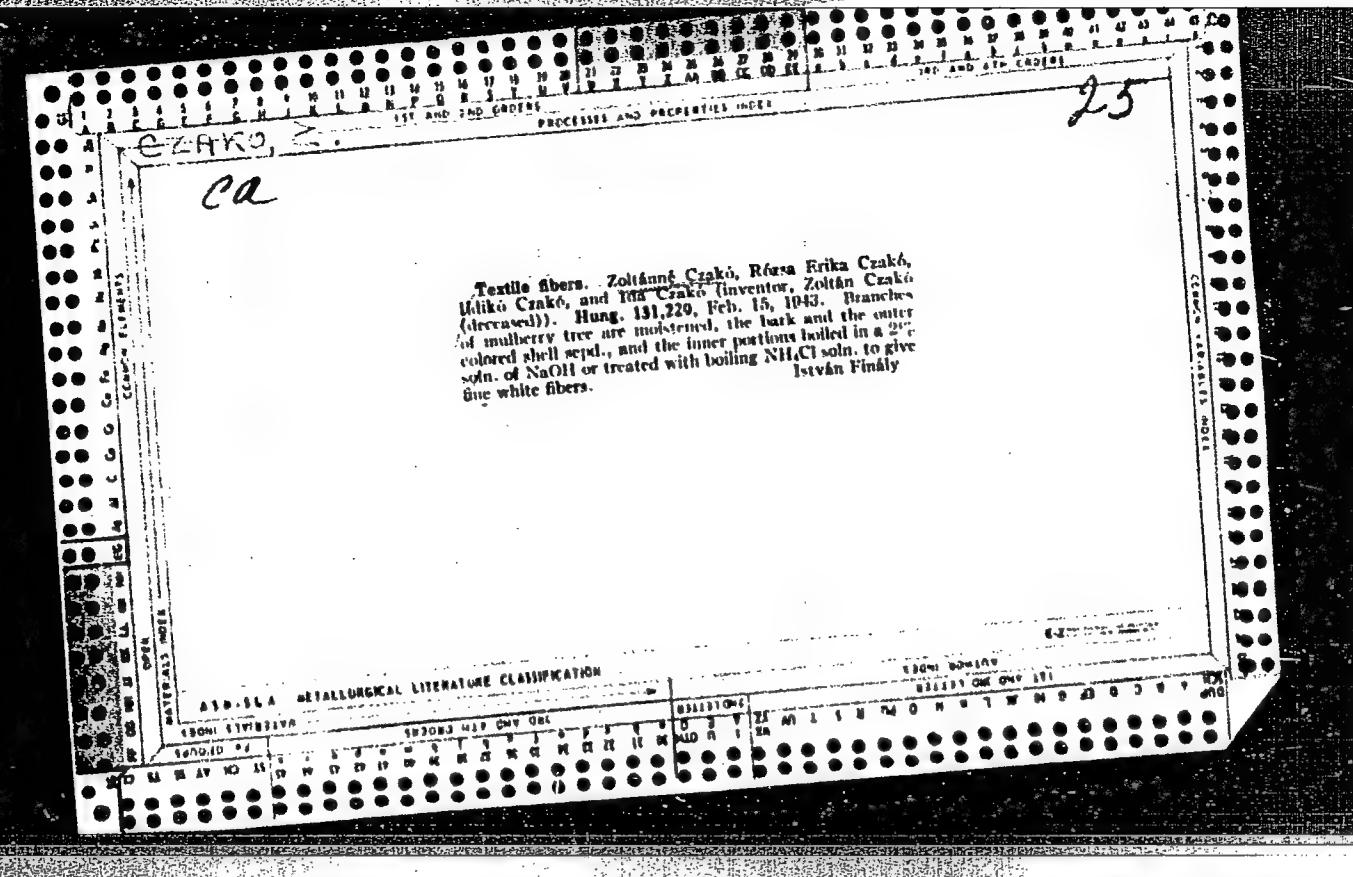
GYORGYI, Janos (Budapest); CZAKO, Laszlo (Budapest)

Forum of innovators. Ujít lap 15 no.23:30 10 D '63.

CZAKO, Mihaly

Application of projector lamps in metal microscopes. Koh  
lap 9 no. 10: Supplement: Ontode 5 no. 10:236 O '54.





CZAKO, Z.

"My first flight" p. 17, (REPULES, Vol. 6, No. 18, Sept. 1953, Budapest, Hungary)

SO: Monthly List of East European Accessions, L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

CZAKO, Zoltan, dr.; ARANYOSI, Janos, dr.; BASSLER, Gusztav, dr.

Experience with the antibiotic treatment of pyogenic processes. Orv.  
hetil. 103 no.23:1073-1076 10 Je '62.

1. Debreceni Orvostudomanyi Egyetem, Tbc. Klinika, Sebeszeti Osztaly  
es Gyogyszertani Intezet.

(ANTIBIOTICS ther)

BASSLER, Gusztav, dr.; SZABO, Gabor, dr.; CZAKO, Zoltan, dr.

Experience with the antibiotic treatment of chronic pyogenic processes.  
Orv. hetil. 103 no.23:1069-1072 10 Je '62.

1. Debreceni Orvostudomanyi Egyetem, Gyogyszertani Intezet; M.T.A.,  
K.O.K.I. Antibiotikum Osztaly; Debreceni Orvostudomanyi Egyetem, Tbc.  
Klinika.

(ANTIBIOTICS ther)

BACSA, Sandor, dr.; CZAKO, Zoltan, dr.; ARANYOSI, Janos, dr.

Complications of anesthesia over a 10-year period. Orv. hetil.  
104 no.42:1978-1981 20 0 '63.

1. Debreceni Orvostudomanyi Egyetem, Tbc / Klinika.  
(ANESTHESIA) (ANESTHESIA, INTRATRACHEAL)  
(ANESTHESIA, LOCAL) (MUSCLE RELAXANTS)  
(PNEUMONECTOMY) (THORACOPLASTY) (ANOXIA)  
(SHOCK) (DIABETIC COMA) (ACIDOSIS)  
(INTESTINAL OBSTRUCTION) (CURARE)  
(SUCCHINYLCHOLINE) (BARBITURATES)  
(HYDROXYDIONE) (HALOTHANE)  
(GUAIACOL GLYCERYL ETHER) (STATISTICS)

SZENTKERESZTY, Bela, dr.; SCHNITZLER, Jozsef, dr.; MATUS, Laszlo, dr.;  
CZAKO, Zoltan, dr.; JUHASZ, Istvan, dr.; GONCZI, Laszlo, dr.

Surgical treatment of pulmonary echinococcosis. Orv. hetil.  
104 no.47:2219-2224 24 N '63.

1. Debreceni Orvostudomanyi Egyetem, Tbc-klinika, Sebeszeti  
Osztaly es polgari Jarasi Tbc-gondozo Intezet.  
(ECHINOCOCCOSIS, PULMONARY) (PNEUMONECTOMY)  
(THORACIC RADIOGRAPHY) (MASS SCREENING TECHNICS)

ARANYOSI, Janos, dr., SZENTKERESZTY, Bela, dr.; CZAKO, Zoltan, dr.

Healed multiple liver abscesses. Orv. hetil. 105 no.15:  
707-708 12 Ap'64

1. Debreceni Orvostudomanyo Egyetem, Tbc-klinika, Sebeszeti  
Osztaly.

BACSA, Sandor, dr.; CZEKO, Zoltan, dr.; SIMAY, Attila, dr.

Roentgenologic examination of the lymphatic system and lymph nodes  
with oil contrast media. Orv. hetil. 106 no. 27-75 Ja 10 '65

1. Debreceni Orvosludomanyi Nygel, Tbc. klinika, (igazgatós  
Pongor, Ferenc, dr.) Sebeszeti Orvostaly (vezetős Schmitt'er,  
Jozsef, dr.) es Röntgenklinika (igazgató Jona, Gábor, dr.).

CZAKON, Jan (Katowice)

Present state and development trends of the finishing techniques in building in the Katowice Voivodeship. Przegl budowl i bud mieszk 36 no.3:134-137 Mr '64.

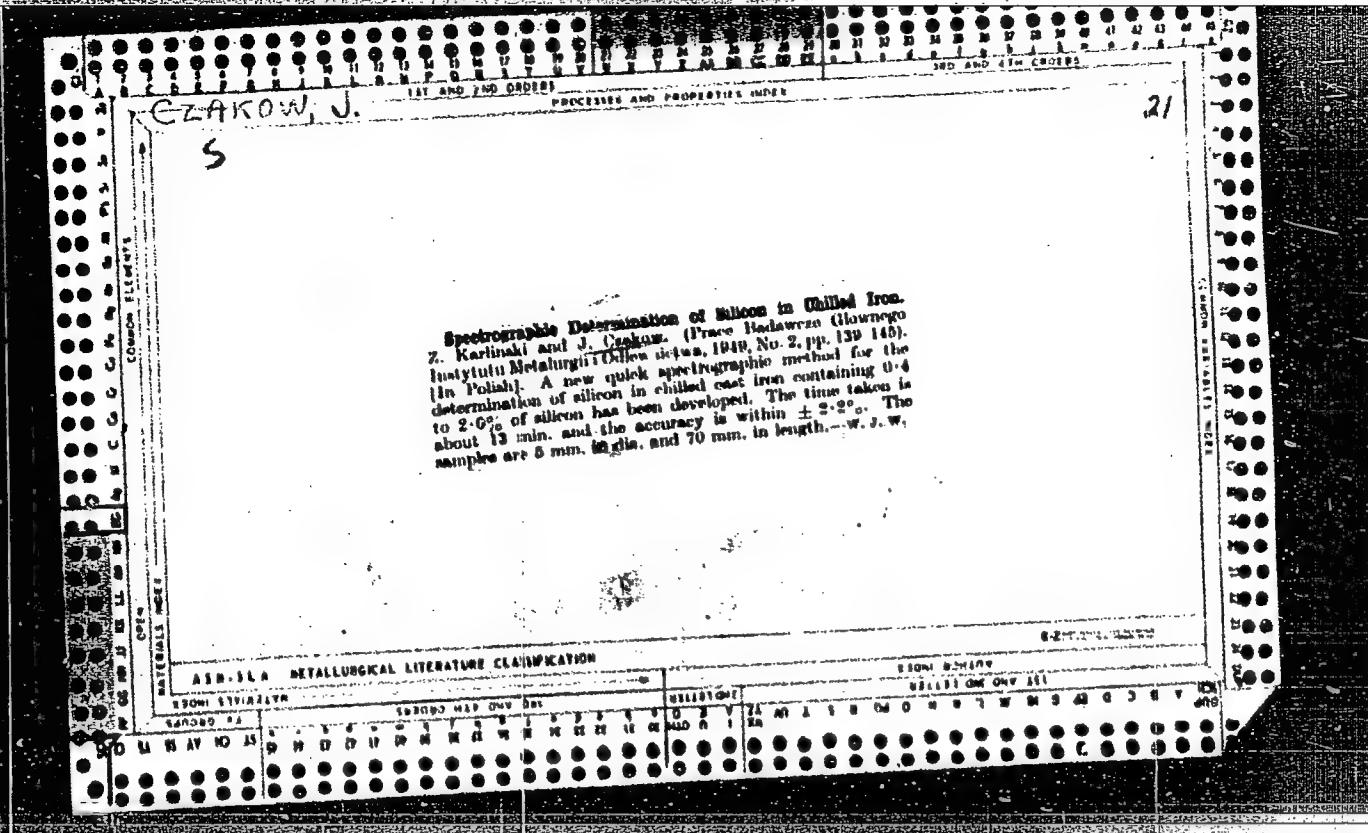
POLAND

BOBOLI, Karol, mgr.; CZAKOW, Julian, dr.

Institute of Nuclear Research (Instytut Badan Jadrowych),  
Warsaw, (for both).

Warsaw, Chemia analityczna, No 4, July-August 1965, pp  
595-602.

"Studies on the time evolution of excitation of some Ce,  
La, V, Ag, and Cu spectral lines by the method of time-  
resolved spectroscopy."



CZAKOW, J.

Distr: 4E3d

27

Spectrographic determination of fluorine in carbide  
J. Czakow and T. Pukas. Przemysl Chem. 11, 691-3  
(1935). Results on the spectrographic detn. of F in carbide  
by the simplified internal standard method in the range of  
conc. from 1 to 4% are described. Standards and analytical  
samples were prepd. in the form of tablets. The a-c.  
are from a modified generator was used. Photouherog-  
raphs were obtained by using a microphotometer coupled  
with a polarograph. A. Libacki

3  
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RL

POLAND/Analytical Chemistry - Analysis of Inorganic Substances. E-2

Abs Jour : Ref Zhur. Khimiya, No 2, 1959, 4294

Author : Czakow, J., Radwan, Z.

Inst :  
Title : The Spectroscopic Determination of Trace Amounts of Lithium  
in Metallic Calcium.

Orig Pub : Chem Analit, 2, No 3, 245-248 (1957) (in Polish with Summa-  
ries in English and Russian)

Abstract : A simple and rapid method has been developed for the deter-  
mination of Li; the method is applicable to the analysis  
of samples which do not contain K. Procedure: 0.5 gm of  
the calcium to be analyzed is treated with water, the solu-  
tion is evaporated, and the residue is ground in a mortar.  
About 0.05 gm of the substance obtained is placed in the  
hollow tip of the bottom electrode. Cu-electrodes are  
used: the lower electrode has a diameter of 6 mm with an  
opening 5 mm in diameter and 5 mm in length. The spectra

Card 1/2

- 10 -

E-2

Country : Poland  
 Category : Analytical Chemistry. Analysis of Inorganic Substances  
 Abs. Jour. : Ref. Zhur.-Khimya No. 6, 1959 19155  
 Author : Czakow, J.; Steciak, T.  
 Institut. :  
 Title : Spectrographic Determination of Trace-Amounts of Boron and Silicon in Ammonium Fluoride.  
 Orig. Pub. : Chem. analit., 1957, 2, No 5, 426-435

Abstract : Analysis is carried out by the method of addition, on excitation of spectra in an alternating current arc at 20 a. Spectra are photographed in a medium spectrograph. On assuming that  $\chi$  of plate, and exponent in the formula  $I = ac^b$ , are equal to 1, the unknown concentration is found on the calibration graph plotted with coordinates  $C_x$ ,  $(A_f / A_{1+f}) - 1$ , where  $A_f$  -- magnitude of deflection of galvanometer mirror on measurement of background blackening;  $A_{1+f}$  -- same, for line. On determination of B at concentrations  $5 \cdot 10^{-5} - 3 \cdot 10^{-4}$ %, the analyzed  $\text{NH}_4\text{F}$  is converted to  $\text{NaF}$ . The sample is divided in 4 parts and 3 of these are combined, respectively, with 2.4 and 8 ml of  $\text{H}_3\text{BO}_3$  solution

Card: 1/3

*Inst. Nuclear Research PAN, Warsaw*

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R000509

Country : Poland

Category :

Abs. Jour. : 19155

Author :

Institut. :

Titlc :

Orig. Pub. :

Abstract : containing 2.25% /ml of B. After evaporation the powders are placed in a Cu-electrode with aperture 3 mm in diameter and 5 mm deep. Upper Cu-electrode is cut to a planar tip. Inter-electrode gap 3 mm; exposure 1 minute, the sample-containing electrode is changed after 30 seconds. B is determined by 2497.73A line, background on greater wavelength side is used as internal standard. Reproducibility of B determination is characterized by error of  $\pm 14\%$ . On determination of Si at concentrations  $5 \cdot 10^{-3} - 2 \cdot 10^{-2}$ % use is made of carbon electrodes with aperture 4 mm in diameter and 5 mm deep. Upper electrode cut to a planar tip;

Card: 2/3

POLAND/Optics - Optical Methods of Analysis.

K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 10003

Author : Czakow Julian, Wezranowski Eugeniusz

Inst : Institute of Nuclear Research Polish Academy of Sciences

Title : Spectrographic Method of Determining Traces of Lithium  
in Metallic Calcium by the Spark Method

Orig Pub : Chem. analit., 1958, 3, No 1, 9-12

Abstract : A spectral method is proposed for determining traces of lithium in metallic calcium. The determined region of concentrations of lithium is  $3 \text{ to } 10 \times 10^{-6}$ . The reproducibility of the results, calculated by the formula  $\nu = t \propto (\bar{s}/x) \times 100\%$  is equal to approximately  $\pm 4\%$  for  $p = 95\%$ . A high power spark from a 10 kw generator was used. The specimen in the form of  $\text{CaCl}_2$ , pressed with graphite, served as the lower electrode; the upper electrode was

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POLAND/Optics Optical Methods of Analysis  
**APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00050943**

Abs Jour : Ref Zhur Fizika, No 4, 1960, 10003

a carbon sample (spectrally pure) 3 mm in diameter.  
The spectra were photographed with a Hilger Dl87 monochromator. Analytic curves are plotted in coordinates  
 $\log (W_{\text{base}}/W_{\text{Li},6707})$  vs.  $\log C$ .

Card 2/2

J. Czakow

Distr: 4E2c/4E3d

*LB*  
111

*✓ Spectrographic determination of uranium in ores and residues from leaching by the powder filling method in the alternating-current arc.* [J. Czakow, Z. Radwan, and B. Strzyzewska (Inst. Badan Jądrowych Warsaw). *Nukleotnika* 3, Spec. No. 67-73 (1959) (in English).]—Samples of dry U ore weighing 350 mg., grained to 0.06 mm., and mixed with graphite powder in a ratio of 1:3, were placed in the (upper) sinter Cu electrode (Feldman and Ellenburg, C.A. 50, 2350g). The holes were adjusted to 30-45 sec. exposures, at a current of 8 amp., with a Swienticki a.c. arc generator either with 30-w. transformer or with a conventional 400 w. one. Spectrograph ISP 51 with camera UF 84, 10 alt. width, 4 mm. analytical gap, was used. The analytical line was 4090.14 Å, the internal standard was the 4086.026 Å. line of Mo. Mo was added in different amounts, 0.12% and 0.5% for 0.001-0.01 and 0.01-0.1% of U, to depress the intensity of the analytical line. The determination was done in a O-Ar (1:1) atm. The vessel used in the drift, is described. Accuracy was 2.8% at 95% confidence level in 14 drifts. I. Stecki

CZAKOW, JULIAN

Distr: 4E2c/4E3d

✓ Spectrographic determination of uranium in ores and residues from leaching by the powder sifting method in the alternating-current arc. Julian Czakow, Zofia Radwan, and Bozena Strzyzewska (Inst. Nuclear Research, Warsaw). Proc. UN Intern. Conf. Peaceful Uses At. Energy, 2nd, Geneva, 1958 3, 561-4. — See C.A. 53, 4006h.

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POLAND/Optics - Optical Methods of Analysis.

K

Abs Jour : Ref Zhur Fizika, No 12, 1959, 28641  
Author : Czakow, Julian; Steciak, Teresa; Szczerbinska, Otylia  
Inst : Institute of Nuclear Research, Polish Academy of Sciences, Warsaw  
Title : Spectrochemical Determination of Traces of Contamination in Solutions of Metallic Electrodes in Sparks  
Orig Pub : Chem. analit., 1958, 3, No 5-6, 745-751 .  
Abstract : The method, described previously (Fred, M. Nachtrieb, N.H., Tomkins, F.S., Journal of Optical Society of America, 1947, A37, 279) is applicable for the determination of Cd, As, Fe, Te, Mn, Pb, Pr, Cu, Ag, Na, Ni, Al, Ce, Ca, Si, and Sn in  $H_3PO_4$ ,  $H_2SO_4$ , and NaI. The source of excitation of the spectrum was a spark generator of Feisner ( $L = 0.02$  mh,  $c = 1.5$  f).

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APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00050943

Abs Jour : Ref Zhur Fizika, No 12, 1959, 28641

The limiting determinable amounts of elements for 100 microliters of solution were 0.1 -- 1 micrograms. Quantitative results were obtained by two methods: 1) photometric method with use of molybdenum as an internal standard; 2) visually, by comparing the spectra of the elements with the Addink scale.  
Bibliography; 9 titles.

Card 2/2

CZAKOW, Julian

Removing disturbances in the work of spectrophotometers and other  
measuring instruments caused by spectrographic sources of excitation.  
Chem anal 4 no.4:753 '59.  
(EEAI 9:6)

1. Zaklad Chemii Analytycznej Instytutu Badan Jadrowych Polskiej  
Akademii Nauk, Warszawa.  
(Spectrophotometer) (Spectrograph)

CZAKOW, Julian; RADWAN, Zofia; STRZYZEWSKA, Bozena

Spectrographic determination of uranium in ores and residues after  
leaching, using the sifter method in the alternating current arc.  
Chem anal 4 no.5/6:819-828 '59. (EEAI 9:9)

1. Zaklad Chemii Analitycznej Instytutu Badan Jadrowych Polskiej  
Akademii Nauk, Warszawa. Kierownik Zakladu: prof. dr. Jerzy  
Minczewski.  
(Uranium)

CZAKOW, Julian

Spectrographic analysis by the sifter method. Pt. 1. Technique of  
method. Chem anal 5 no.1:35-49 '60. (EEAI 9:11)

1. Zaklad Chemii Analitycznej Instytutu Badan Jadrowych PAN,  
Warszawa.

(Spectrum analysis)  
(Electrodes)  
(Silver)

CZAKOW, Julian; WALEWSKA, Zofia

Spectrographic determination of beryllium traces in ores using  
a sifter electrode. Chem anal 5 no.3:369-375 '60. (EEAI 10:8)

1. Zaklad Chemii Analitycznej Instytutu Badan Jadrowych PAN,  
Warszawa; Kierownik Zakladu: Prof. dr. J. Minczewski.  
(Spectrum analysis) (Beryllium) (Electrodes)

CZAKOW, Julian; MINCZEWSKI, Jerzy

Spectral analysis by means of a sifter electrode. II. The influence  
of alkali halides on excitation. Chem anal 5 no. 6:862-874 '60.  
(EEAI 10:9)

1. Department of Analytical Chemistry, Institute of Nuclear Research,  
Warsaw.

(Spectrum analysis) (Electrodes) (Alkali metal halides)

CZAKOW, Julian

Spectral quantitative analysis of traces. Chem anal 7 no.2:291-300 '62

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

CZAKOW, Julian (ul.Dorodna Nr.16,Warszawa 9, Poland,): MINCZEWSKI, Jerzy  
(ul.Dorodna Nr.16, Warszawa 9, Poland)

Spectrographic trace analysis of reactor substances. Acta chimica Hung  
30 no.3:395-398 '62

1. prof., dr. Abteilung fur Analytische Chemie des Instituts fur Kernfor-  
schung der Polnischen Akademie der Wissenschaften.

8/081/63/000/002/017/088  
B166/B138

AUTHOR: Czakow, Julian

TITLE: Spectral determination of impurity traces

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 2, 1963, 119, abstract  
2621 (Chem. analit. (Polska), v. 7, no. 2, 1962, 291-300  
[Pol.; summary in Eng.])

TEXT: This article is a review. It discusses ways of enhancing the sensitivity of emission spectral analysis in direct and combined (with preliminary enrichment) determination of impurities in pure materials. 29 references. [Abstracter's note: Complete translation.]

Card 1/1

CZAKOW, Julian; MINCZEWSKI, Jerzy

Spectrographic analysis by the powder sifting method. III.  
Mathematical method of "addition and division." Chem anal  
7 no.4:721-730 '62.

1. Department of Analytical Chemistry, Institute of Nuclear  
Research, Polish Academy of Sciences, Warsaw.

ŁYAKOW, Julian (ul.Dorodna Nr.16, Warszawa 9, Poland);  
MŁONCZEWSKI, Jerzy, prof.,dr. (ul.Dorodna Nr.16, Warszawa 9,  
Poland)

Spectrographic trace analysis of reactor substances.  
Acta chimica Hung 30 no.3:395-398 '62.

1. Abteilung fur Analytische Chemie des Institute fur  
Kernforschung der Polnischen Akademie der Wissenschaften.

CZAKOW, Julian

Spectrographic analysis by the powder sifting method. Pt. 4 Chem anal-  
8 no.1:23-28 '63.

1. Department of Analytical Chemistry, Institute of Nuclear  
Research, Polish Academy of Sciences, Warsaw.

CZAKOW, Julian; ZAWADZKI, Zbigniew

Quantitative spectrochemical analysis of hydrochloric and  
nitric acids of semiconductor purity. Przegl elektroniki  
4 no. 2: 93-96 '63.

1. Zaklad Chemii Analitycznej, Instytut Badan Jadrowych,  
Polska Akademia Nauk, i Fabryka Polprzewodnikow Tewa,  
Warszawa.

CZAKOW, Julian

Analysis of semiconducting materials. Przegl elektroniki  
4 no. 5/6: 257-263 My-Je '63.

1. Zaklad Chemii Analitycznej, Instytut Badan Jadrowych,  
Polska Akademia Nauk, Warszawa.

DESI, Illes, CZALAY, Laszlo; GATI, Tibor, HAJTMAN, Bela; NIKOLITS, Ilona;  
SULE, Ferenc; MARKUS, Vera

Changes in the electric activity of the central nervous system  
in experimental neurogenic hypertension. Experimental evalua-  
tion EEG-curves by means of Fourier's analysis. Acta morph. acad.  
sci. Hung. 12 no.4:225-232 '64

1. Budapesti Orvostudomanyi Egyetem Korelet+uni Intezete es  
Magyar Tudomanyos Akademia Kiserleti Orvostudomanyi Kutato  
Intezete.

CZALBOWSKA, Irena; DEKA, Zenon; LITYNSKI, Michal; MOSKWA, Jerzy

Analysis of cases of bone fracture and of their effect on the course of organic changes leading to fatal outcome in patients over 50 years of age. Chir.narz.ruchu ortop.polska 24 no.6:485-494 '59.

l. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie ul. Józefki 9/11. Dyrektor: dr Z. Deka.  
(FRACTURES)

CZALBOWSKA, Irena; DEKA, Zenon; MOSKWA, Jerzy; RYCEMBEL, Zofia

Causes and therapy of delayed unions and false joints in long bone shafts of the upper extremity. Chir. narz. ruchu ortop. polska 26 no.6:635-639 '61.

1. Z szpitala Chirurgii Urazowej w Warszawie Dyrektor: dr Z. Deka.  
(ARM fract & disloc) (PSEUDARTHROSIS surg).  
(FRACTURES UNUNITED surg)

CZALBOWSKA, Irena; DEKA, Zenon

Remote observations of the hip joint following traumatic dislocation.  
Chir. narzad. ruchu ortop. pol. 27 no.6:695-701 '62.

l. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie. Dyrektor:  
dr Z. Deka.

(HIP DISLOCATION)

CZALBOWSKA, Irena; DEKA, Zenon

Complex injuries with special reference to head injuries.  
Chir. marzad. ruchu ortop. pol. 28 no.4:401-405 '63.

1. Z Miejskiego Szpitala Chirurgii Urazowej w Warszawie  
Dyrektor: dr Z. Deka.  
(WOUNDS AND INJURIES) (HEAD INJURIES)  
(STATISTICS)

CZALBOWSKA, Irena

Notes on the treatment of injuries of the cervical spine. Chir.  
narzad. ruchu ortop. Pol. 28 no.73/73-794 '63

1. Z II Oddzialu Miejskiego Szpitala Chirurgii Urazowej w  
Warszawie (Dyrektor: dr. Z. Deka).

KADLUBOWSKI, Wiktor; CZALEJ, Bohdan

Pattern species and dynamics of the beetle population occurring  
in plantations of *Salix cordata* V. Americana Hort in the Nowy  
Tomyśl District. Prace nauk roln i lesn 13 no.1:51-69 '62.

1. Katedra Ochrony Lasu, Wyższa Szkoła Rolnicza, Poznań.

CZAMANSKI, ROMAN

CZAMANSKI, ROMAN.

Ed. Poznanskie; (album o Poznaniu i województwie) W. Poznaniu, Wojewódzki Komitet Frontu Narodowego, 1955. 100 p. (The Poznan region; an album of Poznan and Poznan Voivodeship. illus.) Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

CZAMARSKA, Dorota

Visiting foreign scientists in Poland. Nauka polska 10 no.6:  
156-459 N-D '62.

1. Polska Akademia Nauk, Biuro Wspolpracy Naukowej z Zagranica,  
Warszawa.

CZAMARSKA, Dorota

Visits of foreign scientists in Poland. Nauka polska 11 no.1:  
185-187 Ja-F '63.

Visits of Polish scientists abroad. 187-188

1. Polska Akademia Nauk, Biuro Wspolpracy Naukowej z Zagranica,  
Warszawa.

SULIKOWSKI, Jerzy; CZAMARSKA, Danuta; HAN CEL-JU

The influence of false steening on the initial shrinkage of cement paste. Ceramika 32 no.4:73-79 '61.

1. Katedra Technologii Materiałów Wiązących Akademii Górnictwo-Hutniczej, Krakow.

IVANYI, P.; SOUKUPOVA, M.; ONDRUS, B.; CZAMBELOVA, A.; UJHELYIOVA, M.;  
SMETANA, K.

Experimental fetal erythroblastosis in rabbits produced by passive  
immunization of the female with immune iso-agglutinins. Bratisl. Lek.  
Listy 2 no.11:633-647 '61.

1. Z Okresnej transfuznej stanice pri OUNZ v Nitre, prednosta MUDr.  
Czambelova, z Biologickeho ustavu Lek. fak. KU v Prahe, prednosta  
prof. MUDr. B. Sekla, z Patologickoanatomickeho ustavu Lek. fak. Univ.  
Komenskeho v Bratislave, prednosta doc. MUDr. M. Brozman, a z Histologic-  
keho ustavu Lek. fak. KU v Prahe, prednosta prof. MUDr. J. Wolf.

(ERYTHROBLASTOSIS FETAL exper)

IVANYI, P.; CZAMBELOVA, Anna; DORNETZHUBER, V.; UJHELYIOVA, Marta

Immunological tolerance in rabbits. II. The influence of intra-embryonal injections of group incompatible blood on the formation of immune isoagglutinins. Folia biol. 7 no.5:337-342 '61.

1. Blood Transfusion Station and Department of Morbid Anatomy,  
District Institute of National Health, Nitra.  
(FETUS) (BLOOD GROUPS) (PREGNANCY immunol)  
(ANTIGEN ANTIBODY REACTIONS in pregn)

CDR/Microbiology - General Microbiology.

F-1

Abs Jour : Ref Zhur - Biol., No 11, 1958, 47874

Author : Berencsi, G., Ozanik, B., Lhoczky, M.

Inst : -

Title : Investigation of Respiration in Bacteria.

Orig Pub : Zentr Bakteriol Parasitenk, Abt I, Orig, 167, No 6-7, 523-528 (in German with English, French, and Russian summaries)

Abstract : No abstract.

Card 1/1

SZABO, I.; CZANIK, P.

Mycobacterium tuberculosis and the streptomycin resistance. Orv.  
hetil. 93 no. 24:699-700 15 June 1952. (CIML 23:3)

1. Doctors. 2. Tuberculosis Diagnosis and Research Laboratory (Head  
-- Dr. Istvan Szabo), National Public Hygiene Institute (Director  
General -- Academician Dr. Andras Havas).

KERTES, I.; CZANIK, P.; RADICS, J.

Clinical experiences with streptomycin resistant patients. Orv. hetil.  
93 no. 24:701-703 15 June 1952. (GIML 23:3)

1. Doctors. 2. National Public Hygiene Institute (Director General  
-- Academician Dr. Andras Havas) and Koranyi State Tuberculosis  
Sanatorium (Director - Head Physician -- Dr. Pal Dessauer).

CZANIK, Pal.

SERI, Istvan, dr.; CZANIK, Pal, dr.; MIDUS, Lasslo, dr.

Chemical and physiological effect of isonicotinic acid hydrazide.

Tuberk. kordesei 7 no.2:24-27 Apr 54.

(NICOTINIC ACID ISOMERS, eff.  
isoniazid, chem. & physiol. eff.)

SZABO, Istvan, dr.; SEBOK, Lorand, dr.; CZANIK, Pal, dr.; LACZKO, Ede, dr.

Anti-tuberculous action of hydrazide of acetic acid cyanogen  
reazide. Orv. hetil. 96 no.18:489-492 1 May 55.

1. Az Orszagos Tbc. Intezet (Igazgato: Sebok, Lorand dr.).  
Diagnosztikai Laboratorium (vezeto: Szabo, Istvan dr.)  
kozleménye.

(ACETIC ACID, derivatives,  
cyano-acetic acid hydrazide, eff. of M. tuberc. &  
exper. tuberc.)  
(MYCOBACTERIUM TUBERCULOSIS, effect of drugs on,  
cyano-acetic acid hydrazide.)  
(TUBERCULOSIS, experimental,  
eff. of cyano-acetic acid hydrazide.)

KULKA FRIGYES, Dr.; CZANIK PAL, Dr.; VINCZE MOON, Dr.

Bacteriological examinations during lung resections performed in tuberculosis. Tuberkulozis 11 no. 7-8:163-166 July-Aug 58.

1. Az Orszagos Koranyi Tbc Intezet (igazgato foorvos: Boszormenyi Miklos dr. kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) sebeszeti (foorvos: Ungar Imre dr.) diagnosztikai laboratoriumi (oszt. vez.:Szabo Istvan dr.) es korszovettani osztalyainak koslemenye.

(PNEUMONECTOMY, in various dis.

pulm. tuberc., bacteriol. exam. of tissue samples during  
surg. (Hun))

ERDOS, T.; TOMCSANYI, A.; CZANIK, P.

Demonstration of benzoic acid oxidase by assaying the catechol formed.  
Acta physiol. hung. 14 no.3:207-211 1958.

1. Koranyi National Tuberculosis Institute, Budapest,  
(OXIDASES, determ.

benzoic acid oxidase in *Mycobacterium frieburgiensis* by  
determ. of amount of catechol formed during enzyme action)  
(*MICOBACTERIUM*, metab.

*frieburgiensis*, demonstration of benzoic acid oxidase activi-  
ty by determ. of amount of catechol formed during enzyme ac-  
tion)

TARNOK, Ivan, dr.; SZABO, Istvan, dr.; CZANIK, Pal, dr.

Use of domestic hemoglobin contaminated by albumin in culture media  
for M. tuberculosis. Tuberkulosis 14 no.8:252-254 Ag '61.

1. Az Orszagos "Koranyi" Tbc Intezet (Igazgato: Boszormenyi Miklos dr  
kandidatus, tudomanyos vezeto: Foldes Istvan dr. kandidatus) Diagnoszticai  
Laboratoriumnak (Vezeto: Szabo Istvan dr. kandidatus) kozlemenye.

(MYCOBACTERIUM TUBERCULOSIS culture)  
(HEMOGLOBIN)

FODOR, Tamas, dr.; TARNOK, Ivan, dr.; CZANIK, Pal, dr.

Sources of error in the determination of drug resistance of  
tuberculosis bacteria. Tuberkulozis 16 no.9:260-263 S '63.

1. Az Orszagos Koranyi Tbc Intezet (igazgato: Boszormenyi  
Miklos dr. kandidatus, tudomanyis igazgato: Foldes Istvan dr.  
kandidatus) Mikrobiologiai osztalyanak (vezeto: Kertay Nandor  
[deceased] dr. kandidatus) es Diagnosztikai Laboratoriumnak  
(vezeto: Szabo Istvan dr.) kozlemenye.  
(MYCOBACTERIUM TUBERCULOSIS)  
(DRUG RESISTANCE, MICROBIAL)  
(ISONIAZID) (STREPTOMYCIN)  
(AMINOSALICYLIC ACID)

HUNGARY/Cultivated Plants - Fruits. Berries.

M-6

Abs Jour : Ref Zhur - Biol., No 7, 1958, 30058

Author : Czanik, Sandor

Inst :

Title : The Cultivation of the Black Currant in Czechoslovakia.

Orig Pub : Kerteszet es szoleszet, 1957, 6, No 6, 8-9 (Hung.)

Abstract : No abstract.

Card 1/1

- 26 -

CZANYI, E.

SOMOGYI, Silvester, dr.; CZANYI, Eva, dr.

Two cases of bilateral traumatic luxation of the hip. Nagy.  
sebeszet 7 no.5:353-356 Oct 54.

1. A Budapesti Orvostudomanyi Egyetem Baleseti Sebészeti  
Intezetnek közleménye. Igazgató: Rubanyi Pal dr. egyet. tanar.  
(HIP, dislocation  
traum., bilateral, ther.)  
(DISLOCATION  
hip, traum., bilateral, ther.)

CZAPARY, L.

CZAPARY, L. Experiences with ensilage on the Alsotengelic Experimental Farm.

Vol. 11, No. 10, May 1956

MAGYAR MEZAGAZDASAG

AGRICULTURE

Budapest, Hungary

SO: EAST EUROPEAN ACCESSIONS, VOL. 6, no. 3, March 1957

CZAPCZYK, Teodor

New organization reserve workers handling cargo. Tech gosp morska  
10 no.3:68-69 '60. (EEAI 9:6)

1. Zarzad Portu Gdynia.  
(Poland --Cargo handling)

CZAPCZYNSKI, Paweł

Color as an element in industrial interiors. Problemy  
proj hut maszyn 10 no.5:145-148 My '62.

1. Biprostal, Krakow.

CZAPIGA, M., NIEWIADOMSKA, C.

Electric cables insulated and covered by plasticized polyvinyl chloride. p. 50

BIULETYN KABLOWY (Centralne Biuro Konstrukcji Kablowych) Ostatni w Warszawy  
Vol. 2, No. 1, Feb. 1958

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959  
Uncl.

Country : POLAND  
Category : Chemical Technology. Chemical Products and Their Applications. Synthetic Polymers.  
Abs. Jour : Ref. Zhur. - Khim., No. 10, 1959, p. 1559, 36939.  
Author : Niewiedomski G., Czapiga M.  
Institut. : Not given.  
Title : Cables, Insulated by Plasticized Polyvinylchloride.  
  
Orig. Pub. : Przegl. elektrotechn., 1958, 34, No. 7, 348-354.  
Abstract : The qualities of polyvinylchloride (PVC) used for the insulation (I) and wrapping (W) of cables (C) were examined. It was noted that the best material for I is PVC, produced by the suspension method. It insures excellent water resistance and best dielectric properties of I and W, and is applied to C calculated for a voltage of up to 10 and, in some cases, of up to 20 kv. The structure, exploiting properties and the methods of testing C in W and I from the polyvinylchloride masticated rubber (PMR) and also the characteristic

Card: 1/2

POLAND / Chemical Technology. Chemical Products and H-5  
Their Application. Water Treatment. Sewage.

Abs Jour: Ref Zhur-Khimija, No 1, 1959, 1725.

Author : Czapik, A.

Inst : Not given.

Title : Fauna in Purified Waters in the Cities of Gliwice and Maciejowie.

Orig Pub: Gaz, woda i techn. sanit., 1958, 32, No 2,  
52-55.

Abstract: No abstract.

Card 1/1

14

CZAPIK, A.

Microfauna of the brackish Ptasi Raj Lake. Polskie arch hydrobiol  
10:371-378 62.

1. Zaklad Zoologii, Uniwersytet Jagiellonski, Krakow.

GRZIMEK, B.; CZAPIK, A. [translator]

A bird with a snakelike neck. Wszemehswiat no.12:291-292 D'63.

CZAPIK, Anna, dr.

Fauna in the sewage purification plant in Krakow. Acta hydrobiol 3  
no.2/3:63-67 '61.

1. Zaklad Zoologii Systematycznej, Uniwersytet Jagiellonski, Krakow,  
ul. sw. Anny 6.

LUCHTEROWA, Anna; DUTKIEWICZOWA, Elzbieta; CZAPIKOWNA, Anna

Investigations on microorganisms in trickling filters. Acta microbiol.  
pol. 10 no.4:417-422 '61.

1. From the Nature Conservation Institute, Polish Academy of Sciences,  
Krakow, and Department of Microbiology, High School of Economics,  
Krakow.

(SEWAGE microbiol)

CZAPIK, Anna

Contemporary views on the systematics and evolution of Ciliata.  
Przegl zoolog 6 no.2:126-134 '62.

1. Zaklad Zoologiczny, Uniwersytet Jagiellonski, Krakow.

GRZIMEK, B.; CZAPIK, A. [translator]

Jumping from the nest into the abyss. Wszechswiat no.4:100-  
102 Ap '63.

GZAPIK, A.

The ruff, or pope (*Acerina cermua L.*). Wszechswiat no.1:21 Ja '62.

CZAPIK, Anna

Cottus gobio L. Wszechswiat no.3:78-79 Mr '62.

CZAPINSKA, K.

The quality of ready-made clothing and the profitableness of enterprises. p.141  
(ODZIEZ, Vol. 8, No. 6, June 1957, Lodz, Poland)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 9, Sept. 1957, Uncl.

CZAPKE, Karol (Gdynia)

Agar - agar from Polish algae. Przem spoz 15 no.11:12-17 '61.

1. Praze Wykonano w Zakladzie Technologii Morskiego Instytutu  
Rybackiego.

ZAPIOR, Bronislaw; CZAPKIEWICZ, Jan

Electrocapillary properties of aqueous solutions of  $\alpha$ - $\beta$ - $\delta$ -aminophenylpropanes. Rocznik chemii 36 no. 12: 1863-1871 '63.

1. Department of General Chemistry, Jagellonian University,  
Krakow.

ANALYSIS OF THE EFFECT OF GRAIN SIZE ON THE DETERMINATION OF BORON IN GLASS

ALFRED KLEINER Institute of Physics, University of Vienna, Austria

BRIEF SUMMARY OF WORKING PRACTICE BASED ON BORON CONTENT OF 10% OF BORON ALUMINATE GLASS. THE INFLUENCE OF GRAIN SIZE ON THE DETERMINATION OF BORON IS STUDIED.

SOURCE: Szklo i ceramika, no 4, 1965, 94-97

TOPIC TAGS: glass, boric oxide, boric oxide determination, neutron method, slow neutron method, rapid determination method, grain size effect, boroaluminates

ABSTRACT

INTRODUCTION

MATERIAL

RESULTS AND DISCUSSION. In the apparatus shown in Fig. 1 of the literature, the grain-size effect was studied on coarse-grained glass (0.1-0.5 mm) and fine-grained glass (0.01-0.05 mm).

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ACCESSION NR: AP5012184

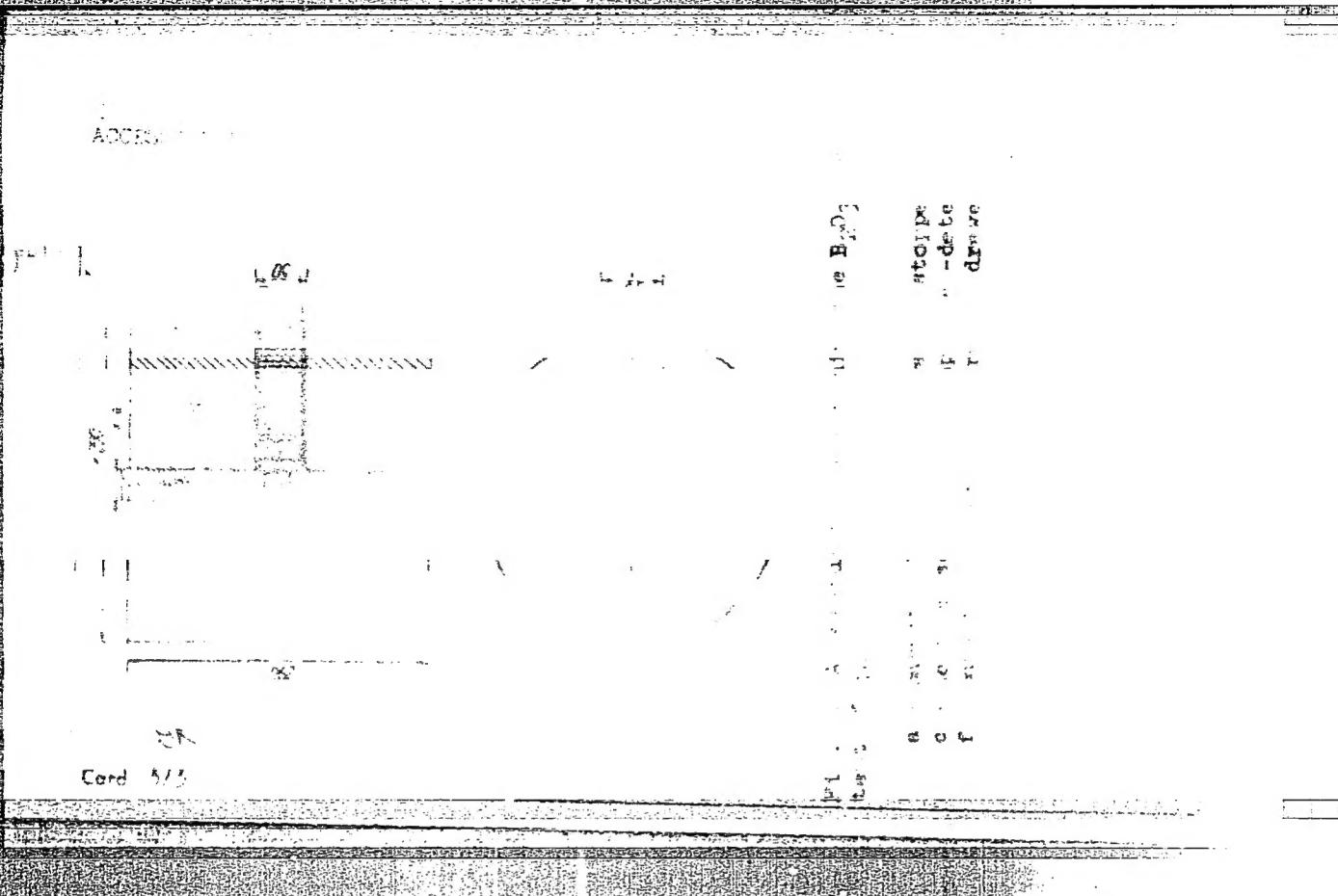
3

fractions. The experimental results show that: 1) a complete determination of  $B_2O_3$  content in glass requires only 2% min., and the suggestion is made:

source to ensure accurate determinations; and 2) the coarse-grain and fine-grain fractions are most porous, the mixtures most densely packed are less porous, and the cast glass has no porosity. It is suggested that glass powder of the selected sample, passed through a sieve with apertures of 0.2 mm. be used for  
sellers and other customers, and cast glass samples 17 mm in Ø and 20 mm in length  
be used in glass-making plants and in glaze and enamel departments.

Card 2/3

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CZAPKIEWICZ, Z.

How a Party economic conference assisted in the fulfillment of the Plan. p. 90.  
SZKŁO I CERAMIKA, Warszawa, Vol. 6, no. 5, May 1955.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,  
Uncl.

CZAPLA, I.

"Is one jump enough?" p. 115. (Skrzydla i Motor, Vol. 8, no. 8, Feb 53, Warszawa)

SO: Monthly List of East European Accessions, Vol 2 No 9 Library of Congress Sept 53 Uncl

CZAPLA, J.

For better exploitation of suburban lines. p. 81

Electrification of railroads in Czechoslovakia. p.99 PRZEGLAD KOLEGOWY  
(Wydawnictwa Komunikacyjne) Warszawa. Vol. 7, no. 3, Mar. 1955

SOURCE: East European Accessions List, (EEAL), Library of Congress,  
Vol. 4, no. 12, December 1955